

## Course Description – Summer 2021

<b>Title</b>	Robotic
<b>Faculty</b>	Electrical Engineering
<b>Professor</b>	Prof. Dr. Maria Schweigel
<b>ECTS</b>	5
<b>Level</b>	Bachelor
<b>Requirements</b>	-
<b>Add. Information</b>	
<b>Content</b>	The module offers an introduction to the methods of robot control. The students get a systematic overview of the basic problems of robotics as well as the methods and algorithms for their solution. The topics of kinematics, sensors, actuators, localization, mapping, navigation, control architectures and robot control give the students a comprehensive basic knowledge of robotics. This basic knowledge is deepened in practical exercises.